To: Paul Gunning (Gunning.Paul@epa.gov)[Gunning.Paul@epa.gov]

From: Birnbaum, Rona

Sent: Tue 10/31/2017 9:40:23 PM Subject: FW: final pdf for metrics paper Metrics Paper PNAS v08 clean.pdf

FYI Paul, Marcus is ready to submit the metrics paper...it'll be a while before review and ultimately acceptance is complete. This paper is reflected on the OAP list.

From: Sarofim, Marcus

Sent: Tuesday, October 31, 2017 5:35 PM

To: Birnbaum, Rona <Birnbaum.Rona@epa.gov>

Subject: final pdf for metrics paper

This is the pdf that I'd be submitting once we get the go-ahead: if you have any last minute thoughts, I'm happy to make changes,

-Marcus

Marcus C. Sarofim, PhD phone: 202-343-9993 WJC East 4410M Environmental Scientist Climate Science & Impacts Branch